



# 2831

## PATENT

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Date of Signature and Deposit: April 28, 2003

*Adam J. Forman*  
Adam J. Forman

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Richard D. Harris, et al.  
Serial No.: 09/842,975  
Filed: April 26, 2001  
For: Method for Fabricating an Isolated Microelectromechanical System (MEMS) Device Incorporating a Wafer Level Cap  
Grp. Art Unit: 2831  
Examiner: Eric W. Thomas  
Docket No.: 110003.97397

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## INFORMATION DISCLOSURE STATEMENT

- (1) Pursuant to 37 CFR 1.97(b)  
(within 3 months of filing or prior to mailing of 1<sup>st</sup> Office Action)
- (2) Certification Pursuant to 37 CFR 1.97(c)  
(before Final Office Action or Allowance)
- (3) Fee Payment Pursuant to 37 CFR 1.97(c)  
(before Final Office Action or Allowance)
- (4) Petition, Certification & Petition Fee Payment Pursuant to 37 CFR 1.97(d) (before issue fee payment)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Dear Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 & 1.98:

- (5) A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

- (6) 37 CFR 1.97(b) (within 3 months of filing or prior to 1<sup>st</sup> Office Action)
- (7) 37 CFR 1.97(c) (before Final Office Action or Allowance, whichever is earlier); and
- (8) The required certification made in item 11 below; or

- (9) The \$180.00 fee specified in 36 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
- (10) 37 CFR 1.97(d) (before issue fee payment); and
- [a] (This is a petition for consideration of the subject Information Disclosure Statement. The petition fee \$ \_\_\_\_\_ .00 required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention PETITIONS EXAMINER" and Confirmation Number \_\_\_\_\_, Date of Allowance \_\_\_\_\_), and
- [b] The required Certification is stated in item 11 below.
- (11) Certification
- (12) Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- (13) No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
- (14) Please charge all applicable fees associated with the submittal of this Information Disclosure Statement to Deposit Account No. 17-0055.

Respectfully submitted,

Richard D. Harris, et al.

By: Adam J. Forman

Adam J. Forman

Reg. No. 46,707

Attorney for Applicant

Quarles & Brady LLP

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet

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*Complete if Known*

<b>Application Number</b>	09/842,975
<b>Filing Date</b>	April 26, 2001
<b>First Named Inventor</b>	Richard D. Harris
Group Art Unit	2831
Examiner Name	Eric W. Thomas
Attorney Docket Number	110003.97397

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	3,886,447			Tanaka	05-27-1975	
	4,560,953			Bozio	12-24-1985	
	5,012,207			Edwards	4-30-1991	
	5,025,346			Tang, et al.	06-18-1991	
	5,194,819			Briefer	03-16-1993	
	5,243,861			Kloeck, et al.	09-14-1993	
	5,343,157			Deschamps	08-30-1994	
	5,359,893			Dunn	11-01-1994	
	5,413,668			Aslam, et al.	05-09-1995	
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	5,563,343			Shaw, et al.	10-08-1996	
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	5,585,311			Ko	12-17-1996	
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	5,646,432			Iwaki, et al.	07-08-1997	
	5,658,698			Yagi, et al.	08-19-1997	
	5,798,283			Montague, et al.	08-25-1998	
	5,815,051			Hamasaki, et al.	09-29-1998	

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Application Number</b>	09/842,975
		<b>Filing Date</b>	April 26, 2001
		<b>First Named Inventor</b>	Richard D. Harris
		<b>Group Art Unit</b>	2831
		<b>Examiner Name</b>	Eric W. Thomas
<b>Sheet</b>	2	<b>of</b>	4
		<b>Attorney Docket Number</b>	110003.97397

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		Number			
	5,877,038		Coldren, et al.	03-02-1999	
	5,920,978		Koshikawa, et al.	07-13-1999	
	5,943,155		Goossen	08-24-1999	
	5,959,516		Chang, et al.	09-28-1999	
	5,995,688		Aksyuk, et al.	11-30-1999	
	6,060,336		Wan	05-09-2000	
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	6,116,756		Peeters, et al.	09-12-2000	
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	6,170,332		MacDonald, et al.	01-09-2001	
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	6,307,169		Sun, et al.	10-23-2001	
	6,316,278		Jacobsen, et al.	11-13-2001	
	6,356,378		Huibers	03-12-2002	
	6,356,689		Greywall	03-12-2002	
	6,384,353		Huang, et al.	05-07-2002	

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	09/842,975
				Filing Date	April 26, 2001
				First Named Inventor	Richard D. Harris
				Group Art Unit	2831
				Examiner Name	Eric W. Thomas
Sheet	3	of	4	Attorney Docket Number	
110003.97397					

REF ID: A1234567890

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Sheet 4 of 4

Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Application Number</b>	09/842,975
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				<b>Examiner Name</b>	Eric W. Thomas
Sheet	4	of	4	Attorney Docket Number	110003.97397

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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